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PTO/SB/01 (12-97)  
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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☐ Declaration Submitted with Initial Filing  
OR  
☒ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number MIT 6962 CIP(2)

First Named Inventor John T. Santini, Jr.

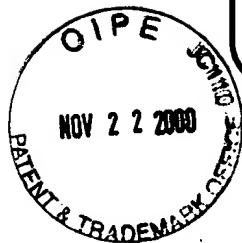
**COMPLETE IF KNOWN**

Application Number 09 / 665,303

Filing Date September 19, 2000

Group Art Unit

Examiner Name



As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MICROCHIP DRUG DELIVERY DEVICES**

the specification of which (Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) 09/19/2000 as United States Application Number or PCT International

Application Number 09/665,303 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

MIT 6962 CIP(2)

20220/513

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## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
U.S.S.N. 09/022,322	02/11/1998	6,123,861
U.S.S.N. 08/675,375	07/02/1996	5,797,898

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number   
OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer  
Number Bar Code  
Label here

Name	Registration Number	Name	Registration Number
Patrea L. Pabst	31,284		
Robert A. Hodges	41,074		
Kevin W. King	42,737		

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number   
or Bar Code Label

OR ☒ Correspondence address below

Name	Patrea L. Pabst				
Address	Arnall Golden & Gregory, LLP				
Address	2800 One Atlantic Center, 1201 West Peachtree Street				
City	Atlanta	State	GA	ZIP	30309-3450
Country	United States	Telephone	(404)873-8794	Fax	(404)873-8795

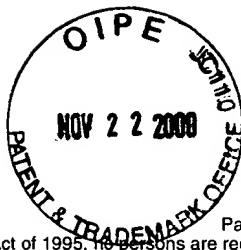
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor						
Given Name (first and middle [if any])			Family Name or Surname				
John T.			Santini, Jr.				
Inventor's Signature	<i>John T. Santini, Jr.</i>				Date	10/23/00	
Residence: City	Belmont	State	MA	Country	US	Citizenship	US
Post Office Address	64 Winslow Road						
Post Office Address							
City	Belmont	State	MA	ZIP	02478	Country	US

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Filed: September 19, 2000

MICROCHIP DRUG DELIVERY DEVICES



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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
--------------------	-----------------------------------------------------------------------------------------

<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Michael J.				Cima			
Inventor's Signature				Date			
Residence: City		Winchester		State		MA	
				Country		US	
Post Office Address		184 Mystic Valley Parkway					
Post Office Address							
City		Winchester		State		MA	
				ZIP		01890	
				Country		US	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Robert S.				Langer			
Inventor's Signature				Date			
Residence: City		Newton		State		MA	
				Country		US	
Post Office Address		77 Lombard Street					
Post Office Address							
City		Newton		State		MA	
				ZIP		02458	
				Country		US	
<b>Name of Additional Joint Inventor, if any:</b>				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
Residence: City				State			
				Country			
Post Office Address							
Post Office Address							
City				State			
				ZIP			
				Country			

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Filed: September 19, 2000

MICROCHIP DRUG DELIVERY DEVICES



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## DECLARATION

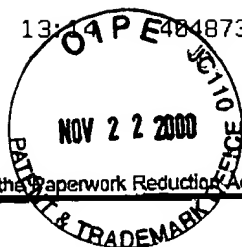
ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 1 of 1

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Michael J.				Cima			
Inventor's Signature				Date			
Residence: City	Winchester	State	MA	Country	US	Citizenship	US
Post Office Address	184 Mystic Valley Parkway						
Post Office Address							
City	Winchester	State	MA	ZIP	01890	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Robert S.				Langer			
Inventor's Signature	<i>Robert S. Langer</i>			Date		9/29/00	
Residence: City	Newton	State	MA	Country	US	Citizenship	US
Post Office Address	77 Lombard Street						
Post Office Address							
City	Newton	State	MA	ZIP	02458	Country	US
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle [if any])				Family Name or Surname			
Inventor's Signature				Date			
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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20220/513



PTO/SB/96 (6-98)

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: John T. Santini, Jr., Michael J. Cima, and Robert S. LangerApplication No./Patent No.: 09/665,303 Filed/Issue Date: September 19, 2000Entitled: MICROCHIP DRUG DELIVERY DEVICESMassachusetts Institute of Technology, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

31 October 2000  
Date

Signature

JOHN H. TURNER, JR.  
ASSOCIATE DIRECTOR  
TECHNOLOGY LICENSING OFFICE

Title

## ASSIGNMENT

We, John T. Santini, Jr. of 64 Winslow Road, Belmont, Massachusetts 02478, Michael J. Cima of 184 Mystic Valley Parkway, Winchester, Massachusetts 01890, and Robert S. Langer of 77 Lombard Street, Newton, Massachusetts 02458, in consideration of ten dollars and other valuable consideration paid to us by Massachusetts Institute of Technology, a corporation of the Commonwealth of Massachusetts, having its principal place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Massachusetts Institute of Technology, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Microchip Drug Delivery Devices*" described in U.S. Serial No. 09/665,303 filed in the United States Patent and Trademark Office on September 19, 2000, by John T. Santini, Jr., Michael J. Cima, and Robert S. Langer, which is a continuation-in-part of U.S. Application Serial No. 09/022,322 filed in the United States Patent and Trademark Office on February 11, 1998, now U.S. Patent No. 6,123,861 which will issue September 26, 2000, which is a continuation-in-part of U.S. Patent Application Serial No. 08/675,375 filed in the United States Patent and Trademark Office on July 2, 1996, now U.S. Patent No. 5,797,898 which issued August 25, 1998, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part, reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation, and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

Title: "Microchip Drug Delivery Devices"

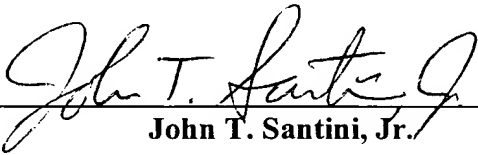
By: John T. Santini, Jr., Michael J. Cima, and Robert S. Langer

Filed: September 19, 2000

ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

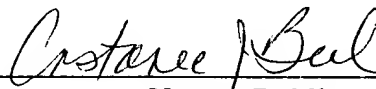
WITNESS my hand and seal this 3<sup>rd</sup> day of October, 2000.

  
John T. Santini, Jr.

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named John T. Santini, Jr. and acknowledged the foregoing instrument to be his free act and deed, before me this 3<sup>rd</sup> day of October, 2000.

  
Notary Public

My Commission expires: 11/04/05

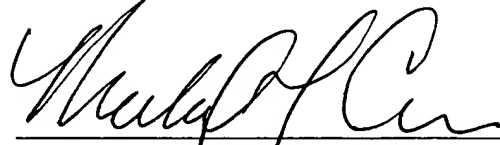
Title: "Microchip Drug Delivery Devices"

By: John T. Santini, Jr., Michael J. Cima, and Robert S. Langer

Filed: September 19, 2000

ASSIGNMENT

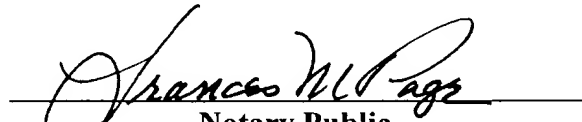
WITNESS my hand and seal this 16th day of October, 2000.

  
\_\_\_\_\_  
Michael J. Cima

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named Michael J. Cima and acknowledged the foregoing instrument to be his free act and deed, before me this 16th day of October, 2000.

  
\_\_\_\_\_  
Notary Public

My Commission expires: Jan. 22, 2004



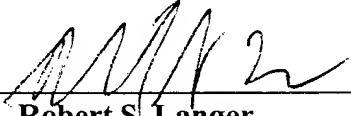
Title: "Microchip Drug Delivery Devices"

By: John T. Santini, Jr., Michael J. Cima, and Robert S. Langer

Filed: September 19, 2000

ASSIGNMENT

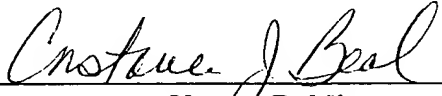
WITNESS my hand and seal this 29<sup>th</sup> day of September, 2000.

  
Robert S. Langer

Commonwealth of Massachusetts )

County of Middlesex )

Then personally appeared the above named Robert S. Langer and acknowledged the foregoing instrument to be his free act and deed, before me this 29<sup>th</sup> day of September, 2000.

  
Notary Public

My Commission expires: 11/04/05